

Gemalto

CR100

MRZ Swipe Reader CR100

The Gemalto MRZ Swipe Reader CR100 acquires the codeline data from Machine Readable Travel Documents (MRTDs) and other identity documents. Key benefits are:

- > Small size
- > Fast and accurate data capture
- > Easy to use either left or right handed
- > Desk mount or Keyboard/LCD/ laptop attachment using double sided fasteners
- > Bespoke bracket mount options for shelves and mobile devices
- > Applicable to banking, border control, law enforcement, transportation, hotel, car hire and retail markets
- > Perfect for registration, enrolment and duty-free applications



FEATURES AND FUNCTIONALITY

- > USB 2.0 output
- > USB powered (no power supply), single interface cable (2m or 15cm options at time of purchase)
- > Can be attached to a keyboard, LCD or other device/mounting using 3M™ Dural Lock™ fasteners
- > Bi-directional swiping
- > Read success is shown using a red, green, blue LED indicator
- > Customer can design bespoke brackets, using dual screw fixing
- > B900 infrared illumination
- > Desktop mount for stable, non-slip swiping (optional, user installable)
- > Windows® XP, Windows Vista®, Windows® 7 and Linux® compatible
- > Cable exit points are user chargeable
- > VCOMM interface for RTE6701 compatibility (other interfaces available)
- > OEM and integrators options available



Hemisphere West Europe
PAYMENT SPECIALISTS



SPECIFICATION

Reading Capability	2 and 3 line ICAO compliant documents in near infrared (IR) 875nm per ICAO 9303 specification Parts 1-4 Near ICAO compliant travel documents such as French ID cards 1 line driving licenses to ISO 18013 as well as many other non-ICAO 1 line ID cards For information on reading other document types (e.g. bankers cheques) contact your sales representative	
Comprehensive Software Development Kit	SDK provides reader configuration application SDK includes DLLs and demonstration programs. Can be used with Visual C++®, Java® and Microsoft® .NET Framework for Visual Basic® .NET and Visual C#®	
Power	USB powered, <400mA peak	
Status Indicators	The Gemalto MRZ Swipe Reader CR100 provides user feedback via a user LED including power / self test indication. Status indicators can be under host control depending on control program loaded	
Configuration	Configurable via USB interface Non-volatile configuration held in reader Firmware can be updated in field	
Minimum PC Specifications	Software must be installed on a customer-supplied PC, some aspects of read speed may be affected by PC specification. The following minimum configuration is recommended: <ul style="list-style-type: none"> > 2 GHz Pentium® 4 CPU (Intel Core 2 Duo recommended) > 1 GB DRAM > USB 2.0 > Android (limited SDK functionality) > Windows® XP SP3, Windows Vista® or Windows® 7 operating systems, 32 or 64 bit > 60 MB of Hard Drive space for software > Builds for Ubuntu 16.04 and CentOS 6, 32 & 64 bit 	
Operating Environment	Operating Humidity: 40 to 90% (R.H. non-condensing) Operating Temperature: 5 °C to 35 °C (41 °F to 95 °F) Storage Humidity: 40 to 95% (R.H. non-condensing) Storage Temperature: -10 ° to 60 °C (14 °F to 140 °F)	
Regulatory	UL and UL-C, CB report FCC and CE (EMC) EU WEEE/REACH/RoHS	
Models	CR100 with 15cm cable CR100 with 200cm cable CR100 with 15cm cable and desk mount CR100 with 200cm cable and desk mount CR100 with 14cm cable R/A connector CR100 OEM kit (read head, glass and cable)	
Dimensions	Basic module	With Desk Mount
	Length:	9.6cm
	Width:	3.3cm
	Height:	4.7cm
	Weight:	110g or 4 oz
		11.2cm
		4.8cm
		5.2cm
		150g or 5.3oz



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